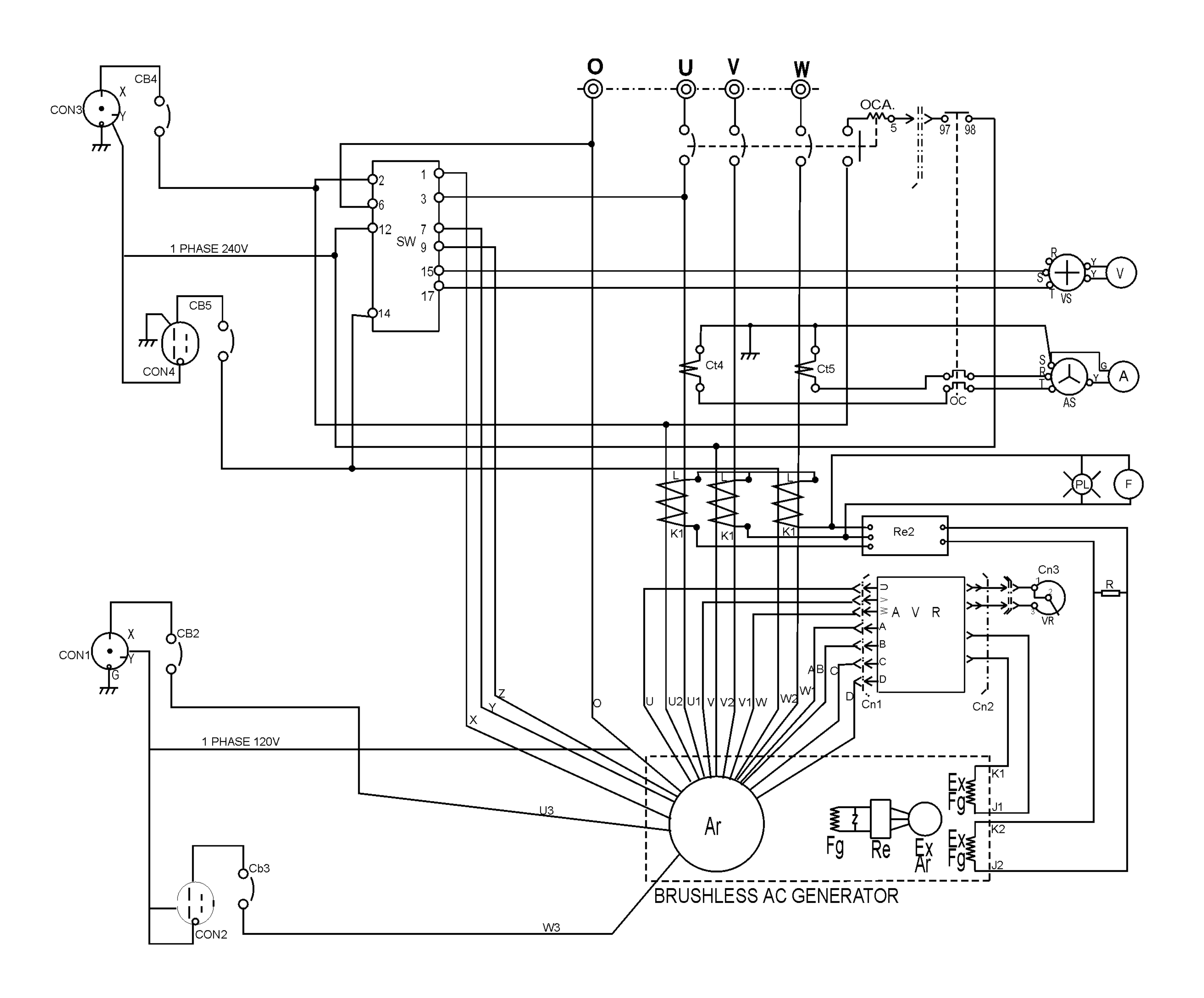
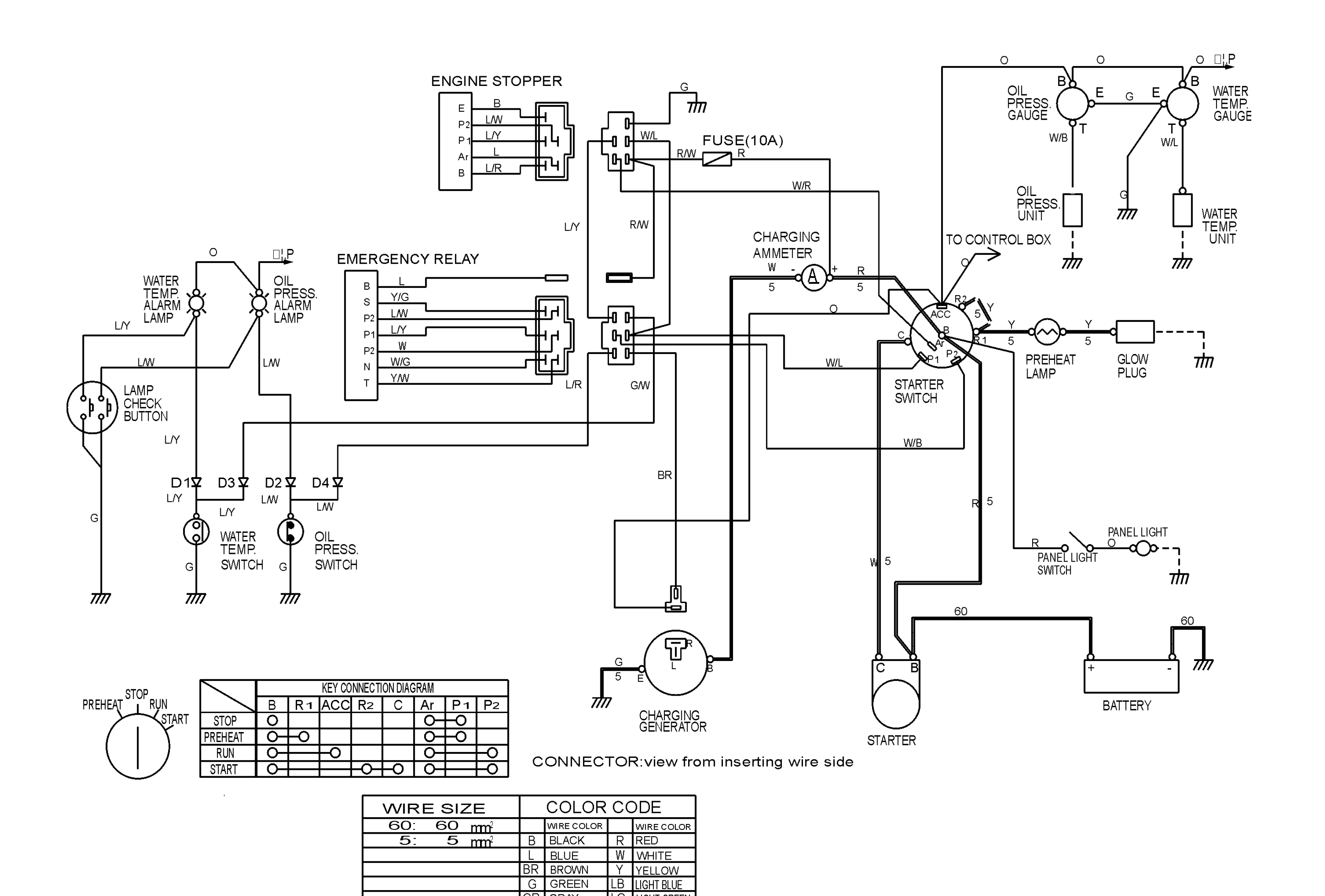
Table 5. Specifications

Generator Specifications		
Model	DCA-25SSAI	
Type	Revolving field, self ventilated, open protected type synchronous	
Armature Connection	**Star with Neutral**	**Zig Zag**
Phase	3	Single
Standby Output	26.5 KVA (21.2 KW)	15.3KW
Prime Output	25 KVA (20 KW)	14.4KW
Voltage	240V or 480V	240/120V
Frequency	60 Hz	
Speed	1800 rpm	
Power Factor	0.8	1
Aux. AC Power	Single Phase, 60 Hz	
Voltage	120 V	
Output	4.8 KW (2.4 KW x 2)	
Engine Specifications		
Model	Isuzu C240	
Type	4 Cycle, water-cooled, swirl combustion chamber	
No. of Cylinders	4 cylinders	
Bore x Stroke	3.38 in. x 4 in. (86 mm x 102 mm)	
Rated Output	30.6HP/1800 rpm	
Displacement	144 cu. in. (2369cc)	
Starting	Electric	
Coolant Capacity	2.9 gal. (11 liters)	
Lube Oil Capacity	1.45 gal. (5.5 liters)	
Fuel Consumption	1.65 gal. (6.3L)/hr at **full load**	1.3 gal. (5.0L)/hr at **3/4 load**
	0.9 gal. (3.4L)/hr at **1/2 load**	0.6 gal. (2.3L)/hr at **1/4 load**
Battery	12V- 70AH	
Fuel	#2 Diesel Fuel	


O
U
V
W
OCA.
5
97
98
CON3
CB4
X
Y
SW
1 PHASE 240V
CB5
CON4
Ct4
Ct5
VS
V
AS
A
OC
PL
F
Re2
K1
L
Cn3
VR
R
A V R
Cn1
Cn2
CON1
CB2
1 PHASE 120V
U3
W3
Cb3
CON2
Ar
Fg
Re
Ex
J1
K2
J2
BRUSHLESS AC GENERATOR



	KEY CONNECTION DIAGRAM							
	B	R1	ACC	R2	C	Ar	P1	P2
STOP	O					O—	—O	
PREHEAT	O—	—O				O—	—O	
RUN	O—	—	—O			O—	—	—O
START	O—	—	—	—O—	—O	O—	—	—O

WIRE SIZE	COLOR CODE			
60: 60 mm²		WIRE COLOR		WIRE COLOR
5: 5 mm²	B	BLACK	R	RED
	L	BLUE	W	WHITE
	BR	BROWN	Y	YELLOW
	G	GREEN	LB	LIGHT BLUE
	GR	GRAY	LG	LIGHT GREEN
	V	VIOLET	O	ORANGE
	P	PINK		